

# Abstract

A method and an arrangement are specified for determination of the rotation speed of a direct-current motor. In this case, an analog/digital converter (5) is coupled to a supply connection of a motor (1). Two averagers (61, 62), which are connected to the output of the analog/digital converter (5), produce mean values related to a different number of sample values. A comparator (63) determines the mathematical sign of the comparison of the mean values. A computation unit (64) determines the motor rotation speed of the motor (1) as a function of the number of sample values between the mathematical-sign changes.

Figure